

# Converting Colors

Hex(CAACFF)

Have a look what the booklet for  
Hex(CAACFF) contains.

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# **Color**

**Hex(CAACFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAACFF
RGB	202, 172, 255
RGB Percent	79%, 67%, 100%
CMY	0.2078, 0.3255, 0.0000
CMYK	0.21, 0.33, 0.00, 0.00
HSL	262°, 100%, 84%
HSV	262°, 33%, 100%
XYZ	57.1596, 49.2816, 101.1074
YIQ	190.4320, -8.7630, 32.1730

# Conversions

## Conversions Part 2

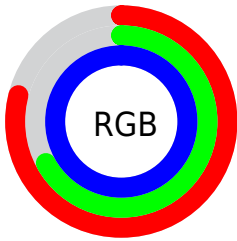
Format	Color
R <sub>Y</sub> B	202, 172, 255
Decimal	13282559
CIE Lab	75.63, 27.10, -37.14
CIE LCh	76, 45.980, 306.113
Yxy	49.2816, 0.2754, 0.2374
Android (android.graphics.Color)	4291472639 (0xFFCAACFF)
YUV	190.4320, 31.8320, 10.1451
Hunter-Lab	70.2009, 22.4886, -36.2523

# Details

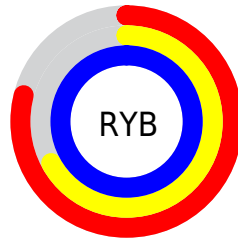
The Hex color **CAACFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E1FFAC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE4FF**, and **9377C6** is the 20% darker color. If you saturate the color by 10%, you get **BA93FF**, and if you desaturate by 10%, it is **DAC6FF**.

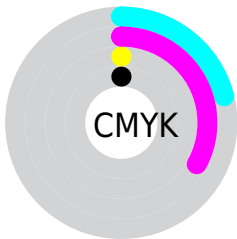
# Distribution



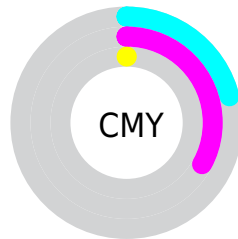
- Red (79%)
- Green (67%)
- Blue (100%)



- Red (79%)
- Yellow (67%)
- Blue (100%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAACFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CAACFF by changing the saturation by 10% instead.



 CAACFF

 CAACFF

FFFFFF

 AE91E2

 FFE4FF

 9377C6

 785EAA

 5E4690

 443076

 2B1A5D

 100445

 00002E

 000118

■ CAACFF

■ CAACFF

■ BA93FF

■ DAC6FF

■ A979FF

■ EBDFFF

■ 9960FF

■ FBF9FF

■ 8946FF

FFFFFF

■ 792DFF

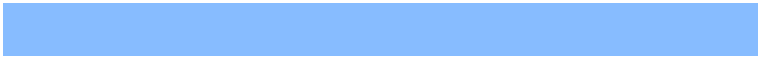
■ 6813FF

■ 5C00FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87BCFF



CAACFF



F69EDE

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAACFF



F1AC6D



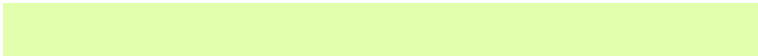
00D1C2

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CAACFF



E1FFAC

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69CE97



CAACFF



CDBB64

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



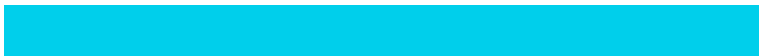
CAACFF



FF9E8A



A0C674



00CFEB

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAACFF



FF99C2



A0C674



37D0B3



# Sweetspot

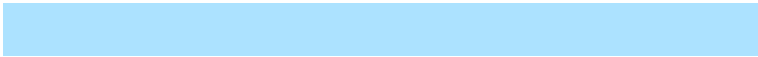
The Sweet Spot groups the original color and five complimentary colors.



CAACFF



EFE6FF



ACE2FF



767080



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CAACFF



BF9CFF



F3ACFF



777380



4500BF



170040



# Inverse Universe

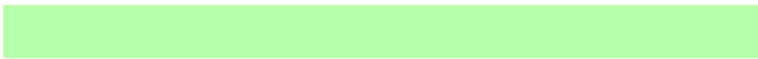
The Inverse Universe completely reimagines the original color for something new.



FFACE1



FF9CDB



B8FFAC



80737B



BF007A

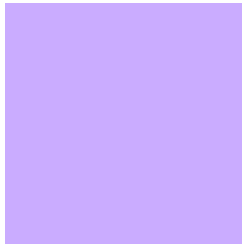


400029



# Previews

## White Background



This preview shows how the Hex color CAACFF looks on a white background.

## Color Contrast Check

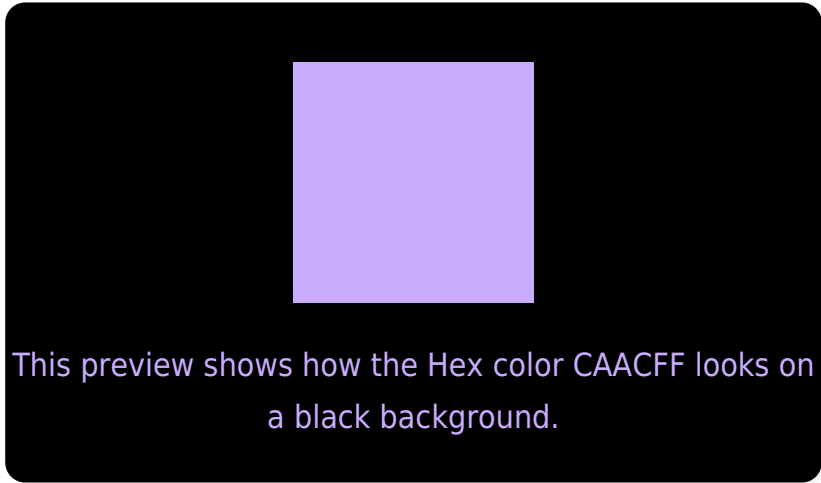
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAACFF Background



This preview shows how black text looks on a background with the Hex color CAACFF.

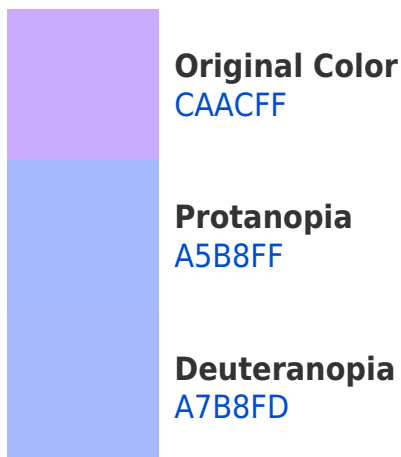


This preview shows how white text looks on a background with the Hex color CAACFF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
C0B7C6

# Trichromacy



**Original Color**  
CAACFF

**Protanomaly**  
B2B4FF

**Deuteranomaly**  
B4B4FE

**Tritanomaly**  
C4B3DB

# Monochromacy



**Original Color**  
CAACFF

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C2B7D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAACFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CAACFF looks like.

```
.text, #text, p{  
    color:#CAACFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CAACFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAACFF
}
```

## Border

The CSS property to change the border of an element to Hex CAACFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CAACFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CAACFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CAACFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAACFF; -webkit-box-shadow:4px 4px  
4px 4px #CAACFF; box-shadow:4px 4px 4px  
4px #CAACFF }
```

# Background

The CSS property to change the background color of an element to Hex CAACFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAACFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CAACFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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